

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054172 A3

(51) International Patent Classification⁷: A61P 35/02, A61K 31/215

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/IL2004/001098

(22) International Filing Date: 1 December 2004 (01.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(30) Priority Data: 60/526,081 2 December 2003 (02.12.2003) US

(71) Applicant (for all designated States except US): RAMOT AT TEL-AVIV UNIVERSITY LTD. [IL/IL]; P.O.Box 39296, 32 Haim Levanon St., 61392 Tel Aviv (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FLESCHER, Eliezer [IL/IL]; 6 Hageula St., 45272 Hod Hasharon (IL). KASHMAN, Yoel [IL/IL]; 46 Binyamin Metudela Street, 69548 Tel Aviv (IL). REISCHER, Dorit [IL/IL]; 17 Ben Gurion Street, Ra'anana 43360 (IL). SHIMONY, Shiri [IL/IL]; 30 Beit Zuri Street, 69122 Tel Aviv (IL).

(74) Agent: WEBB, Cynthia; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 7 July 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/054172 A3

(54) Title: JASMONATE DERIVATIVE COMPOUNDS, PHARMACEUTICALS COMPOSITIONS AND METHODS OF USE THEREOF

(57) Abstract: The present invention provides novel jasmonate derivative compounds, methods for their preparation, pharmaceutical compositions including such compounds, and methods of using these compounds and compositions, especially as chemotherapeutic agents for treatment of cancers, especially mammalian cancers.